

UNB Prof goes solar

BY Kathryn Wakeling
Professor Verne Ireton of UNB's Department of Mechanical Engineering has just finished seeing the completion of his own solar energy home, located in Nasonworth, New Brunswick.

Building began in July, said Ireton, although he has had the idea of building the structure for a couple of years.

The Nasonworth house is a privately promoted project intended to demonstrate that energy efficiency and passive solar energy utilization can be incorporated into residential housing at a competitive market price.

The house has been designed by Design Workshop (N.B.) Ltd. to the above criteria. It is a two storey design to give a more desirable surface to volume ratio. The gross area is 1385 square feet, and the net area is 1266 square feet, with a full basement.

The first floor contains a living room, dining room and kitchen with vestibules at the front and rear entrances. The second floor contains three bedrooms, bath and provision for the laundry facilities.

There are no windows in the north wall, but the full south wall is window area. Manually operated shutters provide insulation on the south facing windows.

A two speed fan is included to provide continuous air movement. The furnace return is from the high point of the house.

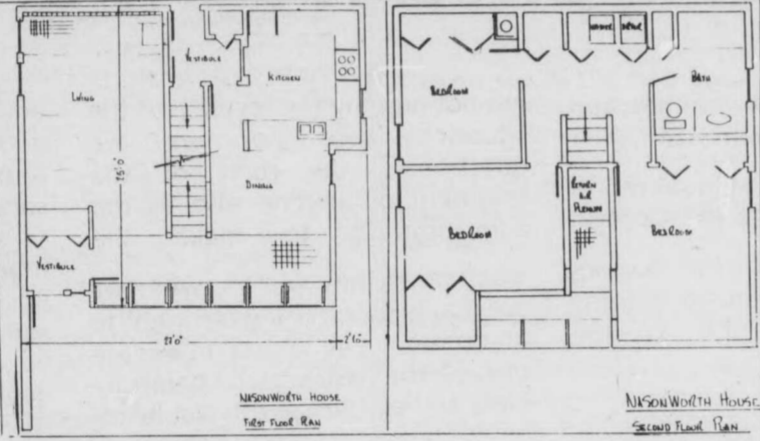
Interior masonry has been included to provide some thermal mass for energy storage. The principal masses include a concrete slab covered by quarry tile in front of the south-facing windows, a collection of brick above the upstairs stairway and a brick facing on the north wall in the living room.

The rear vestibule accesses directly to the basement, and

provides storage for outdoor clothing and footwear.

Provision is made for a wood stove in the living room, and a wood-box, which can be loaded from the rear vestibule, is included.

trying to show that there is really no need for government help - if the idea is valid, one should not need to get this form of aid." He added that in the houses' construction there was three criterion involved. These include:



The house has been designed for location on city lots as well as on larger country lots, provided the lot has a north-south axis. In the city the lot can be on the north side or on the south side of the street. The north sloping roof can be extended to provide a car port or garage and/or a storage shed.

Ireton said, "there wasn't any form of government help; I am

1. Construction at a competitive price.

2. Building a solar system that will work efficiently and effectively.

3. An attractive design that people will find pleasing enough to repeat for themselves. This, Ireton feels would mark the projects success.

Carni on the way

Grab your banjos and bikinis and get ready to experience "SOUTHERN COMFORTS" in true UNB style. The Carnival Committee offers free-for-all frolic and fun-filled fiestas to sail you through the week of February 3rd to 10th.

Daytime events include sculpturing, a parade through paradise, games, races and other contests, as well as the annual trip to Crabbe Mountain. Don't forget your wineskins — as the day grows later, you'll grow warmer.

Ah, those southern nights! Easy listening and folk music create a friendly atmosphere for social gatherings. As the heat goes on you can disco here, rock 'n roll there. Two exotic extravaganzas are lined up totalling more bands than ever before. Beaver Foods Steak Night provides an opportunity to grab your beer and steer while you can.

The Committee is pleased to present yet another tropical treat. The Incredible Mike Madel and his Outer Space Show is a first in UNB's Carni Capers. Hopefully we can make this event an annual tradition.

Finally, a Midsummer Night's Dream - the Carni Ball. The crowning of the new queen will take place during this event.

While you are wondering what other activities are planned, picture yourself under a palm tree in Tahiti sipping on a Pina Colada, served in a coconut shell.

What takes place Monday Night in Havana? Tuesday in the Bahamas? What will happen Wednesday night in the Bermuda Triangle??? More next week.

Religious thoughts

HOW CAN ANY ONE RELIGION BE RIGHT?

There are always several scientific theories advanced to explain the unknown. No one would suggest that they all must be right. Some of them are dead wrong - some partly correct. Of course there are similarities in the moral codes of world religions. God speaks to the minds and hearts of all men. The difference between other religions and Christianity is that Christianity gives man a way to deal with his sin. Jesus showed that following the letter of the law (the best that man can do) is not enough — we have to be "perfect as our heavenly Father is perfect". We can only say, "I can't do that, but I will allow you to cover me with your righteousness."

WHY DON'T PEOPLE BELIEVE JESUS?

This is the paradox. All through the ages men of high moral principles, men with vision and concern for their fellow man, have admitted that the teachings of Jesus are unexcelled in their high moral tone, their utter goodness, etc. Yet, in the face of their own good judgement, they refuse to believe this great, good, moral man, because the commitment is too great. Jesus said, "even though you do not believe me, believe the works, that you may know and understand that the Father is in me and I am in the Father". (John 10:38)

I BELIEVE WHAT THE BIBLE SAYS ABOUT JESUS, BUT I DON'T REALLY THINK MY LIFE HAS BEEN CHANGED THAT MUCH. HOW COME?

A little boy who fell out of bed told his mother, "I fell asleep too close to the place where I got in." You wouldn't get far in your studies if you didn't do some work. What percentage of your time do you devote to God? Even an hour a day in prayer and bible study can have a tremendous effect on your life.

HOW DO I GET FAITH?

First of all recognize that faith comes from God. He is constantly trying to draw us to himself and will give us faith if we ask for it. Like the man who begged Jesus to heal his child, we have to say "help my unbelief." Remember too that "faith comes by hearing and hearing by the word of God." We have to do our part. The handle on the soul of man is on the inside. If we refuse to pray and read God's word, we cannot complain when God doesn't kick down the door and stop us from doing something that will hurt us. "You will seek me and find me when you seek me with all your heart." (Jer. 29:13)

IS IT NECESSARY TO BELIEVE THAT JESUS CAME BACK FROM THE DEAD?

Yes, this is the Good News of the Gospel. "For all have sinned and come short of the glory of God." (Romans 3:23) Spiritual laws, like any other laws, have rewards and punishments. The penalty for sin is sickness (guilt, fear, lack of self-love, bitterness, physical sickness etc.) and death (spiritual separation from God and physical death.) Now God, being perfect goodness, cannot have evil people in his presence.

There are two possible solutions — allow man to go to Hell or pay the penalty for man's sins himself. Jesus, God in the flesh, took the responsibility and punishment for every lie, cruel act, malicious word, evil thought of the past, present and future. We stand in the prisoner's docket, condemned, and Jesus steps to our side and says that, should we choose, he will take the rap for us. If Jesus didn't come back from the dead, he could hardly conquer death for us. But hundreds of witnesses saw him in the flesh and were completely convinced. "I am the resurrection and the life; he who believes in me shall never die." (John 11:25).

SRC ELECTIONS

Positions available:

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|-------------------------------------|----------------------|------------|
| President | Comptroller | Arts |
| Rep at large (one full, one half) | | |
| 2 Engineering | Computer science | |
| 2 Education | Forestry (half term) | |
| Science | Business | Phys. 'Ed. |
| Grad class | | |
| President | Vice President | |
| Secretary | Treasurer | |
| Valedictorian | | |
| Senate Three full term seats | | |

Nominations close Jan. 17, 1979

Election -Jan. 31, 1979.

Form available at SRC office
SUB

PSST! Wanna see your name in print?

The Bruns is looking for material for feature articles for this year

Features can entail people places or things, you decide. Why not write something up and drop in to see us?

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